DOCUMENT RESUME

ED 220 709 CE 033 805

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TITLE The Surgical Scrub. Instructor's Packet. Learning Activity Package.
INSTITUTION California State Dept. of Education, Sacramento. Bureau of Publications.
PUB DATE 82
NOTE 20p.; For related document see CE 033 804. For other documents in the series see CE 033 788-811.
AVAILABLE FROM Bureau of Publications, California Dept. of Education, P. O. Box 271, Sacramento, CA 95802 ($1.50).

EDRS PRICE MF01 Plus Postage. PC Not Available from EDRS.
DESCRIPTORS Allied Health Occupations; *Allied Health Occupations Education; Check Lists; *Hygiene; Individualized Instruction; Instructional Materials; Learning Modules; Performance Tests; Postsecondary Education; *Sanitation; Secondary Education; Teaching Guides
IDENTIFIERS *Asepsis

ABSTRACT

This instructor's packet accompanies the learning activity package (LAP) on the surgical scrub. Contents included in the packet are a time sheet, suggested uses for the LAP, an instruction sheet, final LAP reviews, a final LAP review answer key, a student performance checklist, suggested activities, an additional resources list, and student completion cards to issue to students as an indicator of successful LAP completion. (YLB)

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ED220709

LAP *Learning Activity Package*

Instructor's Packet

THE SURGICAL SCRUB

CE 033 805

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THE SURGICAL SCRUB

INSTRUCTOR'S PACKET

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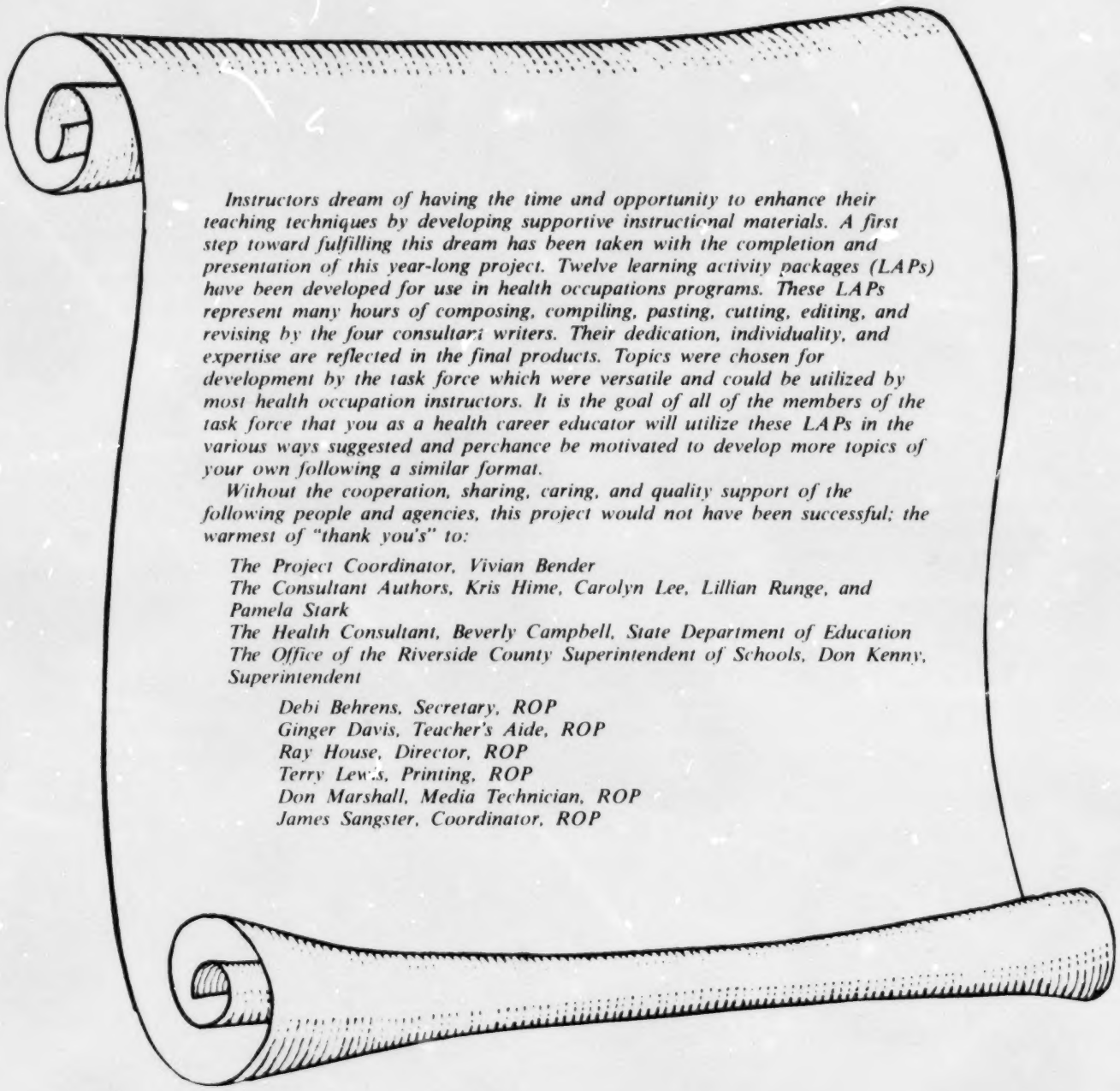
This learning activity package, which was funded under Public Law 94-482 and Public Law 95-40, was prepared and published by the California State Department of Education, 721 Capitol Mall, Sacramento, CA 95814, and distributed under the provisions of the Library Distribution Act.



Instructors dream of having the time and opportunity to enhance their teaching techniques by developing supportive instructional materials. A first step toward fulfilling this dream has been taken with the completion and presentation of this year-long project. Twelve learning activity packages (LAPs) have been developed for use in health occupations programs. These LAPs represent many hours of composing, compiling, pasting, cutting, editing, and revising by the four consultant writers. Their dedication, individuality, and expertise are reflected in the final products. Topics were chosen for development by the task force which were versatile and could be utilized by most health occupation instructors. It is the goal of all of the members of the task force that you as a health career educator will utilize these LAPs in the various ways suggested and perchance be motivated to develop more topics of your own following a similar format.

Without the cooperation, sharing, caring, and quality support of the following people and agencies, this project would not have been successful; the warmest of "thank you's" to:

The Project Coordinator, Vivian Bender
The Consultant Authors, Kris Hime, Carolyn Lee, Lillian Runge, and Pamela Stark
The Health Consultant, Beverly Campbell, State Department of Education
The Office of the Riverside County Superintendent of Schools, Don Kenny, Superintendent

Debi Behrens, Secretary, ROP
Ginger Davis, Teacher's Aide, ROP
Ray House, Director, ROP
Terry Lewis, Printing, ROP
Don Marshall, Media Technician, ROP
James Sangster, Coordinator, ROP

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INSTRUCTOR'S PACKET

A LAP IS AN INDIVIDUALIZED LEARNING ACTIVITY PACKAGE TO ASSIST THE STUDENT TO ACQUIRE KNOWLEDGE FOR A SPECIFIC TOPIC.

INCLUDED IN THIS PACKET ARE THE FOLLOWING:

1. Suggested uses for LAP
2. Instruction sheet
3. LAP review
4. LAP review key
5. Suggested activity list
6. Additional resources
7. Student completion cards
8. Student work sheet

TIME

TIME REQUIRED WILL VARY WITH EACH STUDENT, BUT THE INSTRUCTOR SHOULD ALLOW AT LEAST _____ MINUTES FOR THE STUDENT TO COMPLETE THIS LAP.

SUGGESTED USES FOR THE MATERIALS INCLUDED IN THIS LAP ARE LISTED BELOW:

REVIEW

EVALUATION

SPIRIT MASTERS

XEROX

HANDOUTS

REMEDIAL WORK

TOPIC CHALLENGE FOR STUDENT

OVERHEADS

DITTOS

POSTERS

MAKE-UP WORK

CLASSROOM ACTIVITIES

INSTRUCTION SHEET

1. GIVE EACH STUDENT A LAP.

2. HAVE EACH STUDENT READ THE LAP AND COMPLETE THE REVIEW SECTIONS.

   THE STUDENT MUST GET EVERY QUESTION IN THE REVIEW SECTION CORRECT BEFORE CONTINUING ON TO THE NEXT TOPIC. IF ALL OF THE ANSWERS ARE NOT CORRECT, REPEAT THE SECTION OR TOPIC.

3. WHEN THE LAP IS COMPLETED, THE LAP AND WORK SHEETS SHOULD BE TURNED IN TO THE INSTRUCTOR, AND THE STUDENT SHOULD BE GIVEN THE FINAL LAP REVIEW.

4. AFTER ALL* OF THE FINAL LAP REVIEW QUESTIONS ARE ANSWERED CORRECTLY, THE STUDENT WILL RECEIVE A COMPLETION CARD. COMPLETION CARDS ARE INCLUDED IN THIS PACKET.

5. THE TIME FOR COMPLETING THE LAP WILL VARY WITH EACH STUDENT.

*IF THE STUDENT DOES NOT ANSWER ALL OF THE QUESTIONS CORRECTLY, RETURN THE LAP TO THE STUDENT FOR FURTHER REVIEW.

THE SURGICAL SCRUB
FINAL LAP REVIEW

TRUE FALSE

DIRECTIONS: CIRCLE THE T IF THE STATEMENT IS MORE TRUE THAN FALSE.
CIRCLE THE F IF THE STATEMENT IS MORE FALSE THAN TRUE.

T F 1. THE SURGICAL SCRUB MUST BE DONE UNDER RUNNING WATER.

T F 2. PATHOGENS DO NOT CAUSE DISEASE.

T F 3. ALL JEWELRY EXCEPT THE WEDDING BAND MUST BE REMOVED BEFORE STARTING THE SURGICAL SCRUB.

T F 4. ARMS SHOULD BE WASHED APPROXIMATELY 8 cm (3 INCHES) BELOW THE ELBOW.

T F 5. LATHER SHOULD BE BRUSHED VIGOROUSLY UNDER THE FINGERNAILS.

T F 6. THE ARMS SHOULD BE SCRUBBED BEFORE THE HANDS.

T F 7. A BAR OF GERMICIDAL SOAP IS USED FOR THE SURGICAL SCRUB.

T F 8. ONE HAND AND ARM ARE COMPLETELY SCRUBBED BEFORE STARTING THE SECOND ONES.

T F 9. HANDS SHOULD BE KEPT HIGHER THAN THE ELBOWS AT ALL TIMES DURING THE SCRUB.

T F 10. THE LATHER IS REMOVED BY YOUR HANDS.

COMPLETION: COMPLETE EACH STATEMENT BY FILLING IN THE PROPER WORD OR WORDS.

11. THE SURGICAL SCRUB SHOULD TAKE FROM _____ TO _____ MINUTES, DEPENDING UPON THE POLICY OF YOUR FACILITY.

12. ALL SIDES OF EACH FINGER, INCLUDING THE _____ _____ BETWEEN THE FINGERS, SHOULD BE SCRUBBED.

13. THE SCRUB BRUSH USED FOR THE SURGICAL SCRUB SHOULD BE _____.

14. WHEN REMOVING THE LATHER AFTER THE SCRUB, YOU SHOULD RINSE FROM _____ TO _____.

15. GOOD _____ SHOULD BE MAINTAINED THROUGHOUT THE SCRUB BY ADDING SMALL AMOUNTS OF _____ TO THE BRUSH.

16. THE PRELIMINARY WASH IS DONE TO REMOVE _____ _____.

17. THE FAUCET USED FOR THE SURGICAL SCRUB SHOULD BE EQUIPPED WITH A _____ OR _____ CONTROL.

18. IF YOUR HANDS TOUCH THE FAUCET OR SINK DURING THE SCRUB, THEY ARE CONSIDERED _____.

19. DURING THE SCRUB, THE WATER SHOULD RUN OFF THE _____.

20. WHEN THE SURGICAL SCRUB IS COMPLETED, THE BRUSH OR SPONGE IS _____.

DEMONSTRATION:

21. DEMONSTRATE TO YOUR INSTRUCTOR THE COMPLETE PROCEDURE FOR SURGICAL SCRUB.

THE SURGICAL SCRUB
FINAL LAP REVIEW

ANSWER SHEET

1. T
2. F
3. F
4. F
5. T
6. F
7. F
8. T
9. T
10. F
11. 5 TO 10
12. WEB SPACES
13. STERILE
14. FINGERTIPS TO ELBOWS
15. LATHER - WATER
16. SURFACE BACTERIA
17. KNEE OR FOOT
18. CONTAMINATED
19. ELBOWS
20. DISCARDED
21. CRITIQUE, USING STUDENT PERFORMANCE CHECKLIST

STUDENT PERFORMANCE CHECKLIST

NAME _____

DATE _____

PRELIMINARY WASH

1. REMOVED ALL JEWELRY BEFORE STARTING PROCEDURE
2. TURNED WATER ON WITH FOOT OR KNEE CONTROL AND ADJUSTED WATER TEMPERATURE TO A COMFORTABLE LEVEL.
3. ADJUSTED THE RATE OF FLOW SO WATER DID NOT SPLASH
4. WET HANDS AND FOREARMS
5. HOLDING HANDS UNDER GERMICIDAL DISPENSER, APPLIED A SMALL AMOUNT OF GERMICIDE BY USING THE FOOT PEDAL
6. ADDED SMALL AMOUNT OF WATER TO PRODUCE LATHER
7. WASHED HANDS AND ARMS THOROUGHLY TO APPROXIMATELY 8 cm (3 INCHES) ABOVE THE ELBOW.
8. SCRUBBED UNDER A STEADY STREAM OF WATER
9. CLEANED FINGERNAILS WITH AN ORANGEWOOD STICK OR NAIL FILE
10. REMOVED ALL TRACES OF LATHER AND SOIL BY CAREFULLY RINSING HANDS AND ARMS, KEEPING ELBOWS LOWER THAN HANDS

SURGICAL SCRUB

1. MOISTENED SCRUB BRUSH OR SPONGE; APPLIED GERMICIDAL SOLUTION FROM THE DISPENSER (DID NOT CONTAMINATE THE BRUSH OR SPONGE BY TOUCHING FAUCET OR SOAP DISPENSER)
2. SCRUBBED ALL PARTS OF HANDS AND ARMS THOROUGHLY
3. STARTED WITH FINGERNAILS, HELD PALM UP, WITH NAILS PERPENDICULAR TO BRUSH OR SPONGE

4. BRUSHED LATHER UNDER FINGERNAILS VIGOROUSLY (AVOIDED SPRAYING SOAP OR WATER ON APPAREL)

5. AFTER SCRUBBING NAILS, MOVED TO FINGERS

6. SCRUBBED ALL SIDES OF EACH FINGER, INCLUDING WEB SPACES BETWEEN FINGERS

7. SCRUBBED PALM AND BACK OF HAND

8. PROGRESSED TO FOREARM, KEEPING HANDS RAISED ABOVE LEVEL OF THE ELBOW

9. SCRUBBED COMPLETELY AROUND THE ARM TO ABOUT 8 cm (3 INCHES) ABOVE THE ELBOW, USING SHORT STROKES IN A CIRCULAR MOTION

10. MAINTAINED GOOD LATHER THROUGHOUT SCRUB

11. REPEATED PROCEDURE ON SECOND HAND

12. WHEN SECOND ARM COMPLETED, DISCARDED BRUSH

13. STARTING WITH HANDS, KEEPING THEM ABOVE THE LEVEL OF ELBOWS, RINSED FROM FINGERTIPS TO ELBOWS, MOVING HANDS AND ARMS THROUGHOUT THE RUNNING WATER

14. DID NOT USE HANDS TO REMOVE ANY LATHER

15. WHEN ALL LATHER REMOVED FROM BOTH HANDS AND ARMS, TURNED OFF THE WATER WITH KNEE OR FOOT CONTROL

16. KEPT HANDS UP, ARMS ABOVE WAIST, AND AWAY FROM BODY

17. DRIED HANDS ON STERILE TOWEL

SUGGESTED ACTIVITIES

* Show slides of surgical scrub.
* Make culture plates before and after scrub to show effectiveness of scrubbing.
* Make critique sheet with given number of points for each step.
* Use "Glo-Germ" for practice scrubs.

ADDITIONAL RESOURCES

Glo-Germ Company
P.O. Box 2191
Costa Mesa, CA 92626

COMPLETION CARDS

STUDENT COMPLETION CARDS ARE PROVIDED FOR THE INSTRUCTOR TO ISSUE TO THE STUDENTS AS AN INDICATOR OF SUCCESSFUL COMPLETION OF THE LAP.

This is to certify that

_____

has successfully completed the Surgical Scrub L.A.P.

Date: _____

Instructor: _____

This is to certify that

_____

has successfully completed the Surgical Scrub L.A.P.

Date: _____

Instructor: _____

This is to certify that

_____

has successfully completed the Surgical Scrub L.A.P.

Date: _____

Instructor: _____

This is to certify that

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has successfully completed the Surgical Scrub L.A.P.

Date: _____

Instructor: _____

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Instructor: _____

This is to certify that

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has successfully completed the Surgical Scrub L.A.P.

Date: _____

Instructor: _____

This is to certify that

_____

has successfully completed the Surgical Scrub L.A.P.

Date: _____

Instructor: _____

This is to certify that

_____

has successfully completed the Surgical Scrub L.A.P.

Date: _____

Instructor: _____

YOUR VERY OWN WORK SHEET

Learning Activity Packages
Available from the Department of Education

This learning activity package is one of a series of 12 titles relating to health careers that are available from the California State Department of Education. A student packet and an instructor's packet are published in each of the following subjects:

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Metric System
Nutrition
Oral Hygiene
Patient Observation
Surgical Scrub
Syncope
TPR (Temperature, Pulse, Respiration)

Student packets are available at $1.75 each, plus tax, and instructors' packets at $1.50 each, plus tax.

Orders should be directed to:

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